



National Weather Service

Storm Data and Unusual Weather Phenomena



October 1999

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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CALIFORNIA, Upper

CAZ080>082

15	1458PST				0	0			Extreme Cold
16	0800PST								

See below

A Frost Warning was issued for central and western Siskiyou county. Reported low temperatures were in the 30s, so frost probably did occur this morning.

Mt. Hebron (CAZ084) reported a low of 19 degrees (15 degrees below normal). This met the freeze warning criteria for the zone, but the very low temperatures did not appear to be widespread.

CAZ080>082

16	0505PST				0	0			Extreme Cold
17	0800PST								

See below

A Frost Warning was issued for central and western Siskiyou county. Reported low temperatures were in the 30s, so frost probably did occur this morning.

CAZ081

27	1758PST				0	0			High Wind (G68)
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Spotter SY57 at Weed reported winds 40 MPH gusting to 68 MPH at 0510 PDT.

A wind advisory was issued for this zone at 1018 PDT on 10/27 and cancelled at 2048 PDT on 10/27. The above report was the only one that met High Wind Warning criteria. The wind advisory was probably sufficient for this event.

OREGON, Southwest

Coos County

Countywide

01	0001PST				0	0			Wild/Forest Fire
02	0700PST								

See below

Curry County

Countywide

01	0001PST				0	0			Wild/Forest Fire
02	0700PST								

See below.

Douglas County

Countywide

01	0001PST				0	0			Wild/Forest Fire
02	0700PST								

See below.

Jackson County

Countywide

01	0001PST				0	0			Wild/Forest Fire
02	0700PST								

See below.

Josephine County

Countywide

01	0001PST				0	0			Wild/Forest Fire
02	0700PST								

See below

A Red Flag Warning was issued at 1500 PDT on 09/30/99 for fire zones 615/616/618/619/620. This included all of Coos and Curry counties, all but the southern portion of Josephine county, the western half of Douglas county, and the far western portions of Jackson county. The Warning was issued for expected gusty northeast winds and low humidity recoveries. Zone 616 (interior Douglas county) was dropped from the Warning area at 01/0700, and zone 615 (Coos county with the exception of the far southern portion) was dropped at 01/1200. The Warning for the remainder of the area was cancelled at 0700 PDT on 10/02/99.

No major fire developed during the Warning period, but a major fire, allegedly set by an arsonist, developed on 10/04/99 near Mount Emily, which is just east of Brookings.

Klamath County

Countywide

04	0700PST				0	0			Wild/Forest Fire
	2315PST								

See below.

Lake County

Countywide

04	0700PST				0	0			Wild/Forest Fire
	2315PST								

See below.

A Red Flag Warning was issued for fire weather zones 624/625 at 0700 PDT on 10/04/99 and cancelled at 2315 PDT on 10/04/99.



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OREGON, Southwest

The warning was for low humidities combined with gusty south winds. The warning was cancelled after the winds subsided and humidities recovered.

Curry County

Brookings

04 0800PST
07 0800PST

0 0

Wild/Forest Fire

See below.

A major wildfire, the largest in southern Oregon this year, occurred on the slopes of Mount Emily, just east of Brookings, Oregon. It is not known when the so-named Repeater fire started, but it was first reported on 10/04/99, and burned about 2000 acres before it was contained on 10/07/99. No property damage, injuries, or deaths were reported, but the estimated cost of fighting the fire was near \$6,000,000.

The fire was allegedly caused by an arsonist. A suspect was arrested on 10/08/99.

Curry County

Countywide

14 1535PST
17 2030PST

0 0

Wild/Forest Fire

See below.

Jackson County

Countywide

14 1535PST
17 2030PST

0 0

Wild/Forest Fire

See below.

Josephine County

Countywide

14 1535PST
17 2030PST

0 0

Wild/Forest Fire

See below.

Coos County

Countywide

15 0630PST
16 0645PST

0 0

Wild/Forest Fire

See below.

Douglas County

Countywide

15 0630PST
16 0645PST

0 0

Wild/Forest Fire

See below.

A Red Flag Warning was issued at 1535 PDT on 10/14 for fire weather zones 618/619/620. At 0630 PDT on 10/15, it was expanded to zones 615/617/621/622/623. At 0645 PDT on 10/16, the Warning was cancelled for zones 615/617/618/621/622/623. At 2030 PDT on 10/17, the Warning was cancelled for zones 619/620.

The Warning was issued for gusty winds and poor overnight relative humidity recoveries, but no major fires developed.

ORZ023>024-026

14 2120PST
15 0800PST

0 0

Extreme Cold

See below.

A Frost Warning was issued for the Umpqua and Rogue Basins. Most of the reported low temperatures were in the middle 20s to upper 30s, and frost did occur this morning. However, one station reported a low temperature that was below 30 degrees and greater than 10 degrees below normal (Ashland, 27, 12 degrees below normal), which met the Freeze Warning criteria. However, the freeze area was probably isolated.

East of the Cascades, Paisley reported a low of 14 degrees (20 degrees below normal) and Silver Lake reported a low of 15 degrees (15 degrees below normal). This readings met the freeze warning criteria for those zones, but the remaining reported lows did not. ..so the conditions apparently were not widespread.

ORZ023>024-026

15 1458PST
16 0800PST

0 0

Extreme Cold

See below.

A Frost Warning was issued for the Rogue and Umpqua Basins. Most of the reported low temperatures were in the middle 20s to upper 30s, so frost probably did occur this morning.

Three stations in the Rogue Valley and three stations in the Umpqua Basin met Freeze Warning criteria, and a Warning probably should have been issued for those zones.

Additionally, one station each in a coastal zone and in south central Oregon also met freeze warning criteria, but the very low temperatures did not appear to be widespread in these zones. A frost warning would have probably been sufficient for the coastal zones, but none was issued. The lows are listed below:



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OREGON, Southwest

	Station	Observed Low	Normal Low	Departure
ORZ024	Grants Pass	26	40	-14
ORZ026	Medford	27	40	-13
	Ashland	27	39	-12
ORZ023	Elkton	30	45	-15
	Drain	29	42	-13
	Riddle	28	42	-14
ORZ021	Powers	29	43	-14
ORZ031	Silver Lake	14	30	-16

ORZ023>024-026

16 0505PST 0 0 Extreme Cold
17 0800PST

See below

A Frost Warning was issued for the Rogue and Umpqua basins. Reported low temperatures were mostly in the middle 20s to upper 30s, so frost probably did occur this morning.

However, several stations, listed below, met Freeze Warning criteria. A Warning probably should have been issued for both the Rogue and Umpqua Basins, as well as the interior coastal valleys.

	Station	Observed Low	Normal Low	Departure
ORZ023	Drain	28	42	-14
	Riddle	28	42	-14
	Elkton	29	44	-15
ORZ024	Grants Pass	29	40	-11
ORZ021	Coquille	30	43	-13
	Powers	28	43	-15

ORZ029-031

23 1843PST 0 0 High Wind (G70)
2030PST

Spotter KL78 reported winds 40 MPH gusting to 60 to 70 MPH.

Based on the above spotter reports, a High Wind Warning was issued for zones ORZ029, ORZ030, and ORZ031 at 2031 PDT on 10/27 and cancelled at 0235 PDT on 10/28. No other verifying reports were received.

ORZ021-021-021-021-021-024

Lower Treasure Valley

27 1200PST 0 0 High Wind (G60)
28 0200PST

Cape Arago winds were south 41KT gusting to 55 KT.

Winds meeting high wind criteria were reported at Cape Arago, but no warning was issued for this system. This was the only station that reported high winds (Cape Blanco was out of service at this time), but a high wind warning probably should have been issued for the coastal headlands.

The 10/28/99 edition of the Grants Pass Daily Courier indicated that many trees were downed in the Grants Pass area due to strong winds. No observations were available, so the magnitude of the winds are unknown. 60 MPH was listed on the episode line since it was a required field, but it is just an estimate.



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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

OREGON, Southwest

ORZ027>028

27 1214PST
28 0310PST

0 0

Heavy Snow

See below

This warning was issued because this event was expected to bring the first significant snow of the season to the mountains. Only 4 to 6 inches of snow was expected above 5000 feet, and up to 4 inches from 4000 to 5000 feet. These amounts did not verify, but it did turn out to be the first significant snow event of the season.